WR-35 Rev (8-10)

## State of West Virginia Department of Environmental Protection

DATE:	May 3, 2011	<b>√</b>
API#:	47-013-04714	

Office of Oil and Gas	
Well Operator's Report of Well \	Vork

Farm name: Hastings	Operator Well No.: #2			
LOCATION: Elevation: 1002'	Quadrangle: Annamoriah			
District: Sheridan	County: Calho	un		
	MinSec.			<del></del>
LongitudeFeet West ofDeg.	Min.	Sec		
Company: Buckeye Oil Producing Co.				
	Casing &	Used in	Left in well	Cement fill
Address:	Tubing	drilling		up Cu. Ft.
PO Box 129, Wooster, OH 44691	11-3/4	30'	30'	
Agent: Henry W. Sinnett	9-5/8	253'	253'	118 cu ft
Inspector: Ed Gainer	7	2117'	2117'	210 cu ft
Date Permit Issued: 8/7/2009	4-1/2	5510'	5510'	245 cu ft
Date Well Work Commenced: 6/1/2010				
Date Well Work Completed: 8/5/2010				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Vertical Depth (ft): 5560				
Total Measured Depth (ft): 5560'				
Fresh Water Depth (ft.): 60'				
Salt Water Depth (ft.): 1002'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				
	<u> </u>	<u> </u>	<u>.l., , ,,, ,, , , , , , , , , , , , , , </u>	
OPEN FLOW DATA (If more than two producing formatio	-		ata on separate s	heet)
Producing formation Elk - Alexander Pay 2		·		
Gas: Initial open flow 5 MCF/d Oil: Initial open flow 5 MCF/d Final open flow 5		ol/d		
Time of open flow between initial and final tests	Hours			
Static rock Pressure 1400 psig (surface pressure) af				
Dilaw Bassas		-0.4700	ectenced of Oil and	ed.
Second producing formation Riley - Benson Pay zoo Gas: Initial open flow 5 MCF/d Oil: Initial open fl	ne depth (ft) 43!	53-4708 51/d **	ecell and	(Gor
Final open flow MCF/d Final open flow		old <b>Affice</b>	of One	•
		Ollie	- 07 <sup>201</sup>	<b>'</b> 3
Static rock Pressure 1400 psig (surface pressure) af	ter 72 Hou	rs	MAN OF T TON	ant Of
Time of open flow between initial and final tests  Static rock Pressure 1400 psig (surface pressure) af  I certify under penalty of law that I have personally examined at the attachments and that, based on my inquiry of those individuate information is true, accurate, and complete.			BOOM	ordiection.
I certify under penalty of law that I have personally examined a	and am familiar	with the inform	or opened in the	Kontinis document and all information I believe the
the information is true accurate and complete	ושוטשווווו כושע	y responsible t	A CONTRACTOR OF THE	morniamon i pelleve flig
and mind the many moderning and additional.		•		

5/3/2011

Were core samples taken? Yes	No_X	Were cuttings caught during drilling? Yes	No_X		
Were $\frac{Y}{Y/N}$ Electrical, $\frac{N}{Y/N}$ Mechanical, $\frac{N}{Y/N}$ or Geophysical logs recorded on this well?					
FRACTURING OR STIMULAT	TING, PHYSICAL CHANGE, CORD OF THE TOPS AND I LLBORE FROM SURFACE T	ING: 1). DETAILS OF PERFORATED ETC. 2). THE WELL LOG WHICH IS A BOTTOMS OF ALL FORMATIONS, INCI TO TOTAL DEPTH.	SYSTEMATIC		
, .	Elk-Alexander	Benson-Riley			
Perforation Interval:	4934-5356	4353-4708			
# of Perforations:	26	18			
Type of Frac:	75 Quility Foam	75 Quility Foam			
Sks. of Sand:	601 sks	302 sks			
Formations Encountered: Surface:	Top Depth	/ Botto	m Depth		
Die Inium	1971	2040			
Big Injun	2412	2414			
Berea	4420	4438			
Riley	4704	4708			
Benson	4934	4960			
Alexander Elk	4324	4347			